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**From:** Smith, Dennis/BOI [Dennis.Smith@jacobs.com]  
**Sent:** 10/16/2018 8:31:52 PM  
**To:** Nathan Cook [nathan.cook.mt.fwp@gmail.com]  
**CC:** Archer, Allie [Archer.Allie@epa.gov]; Hickman, Gary/CVO [Gary.Hickman@jacobs.com]; Fornander, David/BOI [David.Fornander@jacobs.com]; Schut, Jeff/BOI [Jeff.Schut@jacobs.com]  
**Subject:** RE: [EXTERNAL] fish metals data

Nathan,

Thanks for the update on the availability of the fish organs metals data. Please send a copy of your data as soon as you can. We under an urgent schedule to wrap up our document for EPA and USFWS by early November. Your assistance with this matter is greatly appreciated.

Have a good afternoon.

Dennis

**P. Dennis Smith**  
**JACOBS**  
Senior Project Manager  
Global Environmental Services

322 East Front Street, Suite 200  
Boise, ID 83702  
Phone 208-383-6335  
Cell 208-890-0148  
dennis.smith@Jacobs.com

**From:** Nathan Cook <nathan.cook.mt.fwp@gmail.com>  
**Sent:** Tuesday, October 16, 2018 2:20 PM  
**To:** Smith, Dennis/BOI <Dennis.Smith@jacobs.com>  
**Subject:** Re: [EXTERNAL] fish metals data

Hi Dennis,

I apologize for the delay in sharing these data with you. I am awaiting a review of my report by some of my coauthors. With our field seasons winding down, I expect that I could get reviews back in the next few weeks. I am going to encourage reviewers to first focus on the chapter dealing with tissue metals concentrations, so I would hope to have those data vetted asap. I am anxious to get this information out to you and others that would like to make use of it.

**Nathan Cook**  
*Fisheries Mitigation Biologist*  
Fisheries Division  
Montana, Fish, Wildlife, and Parks

3201 Spurgin Road  
Missoula, MT 59801  
(406) 542-5568  
[nathan.cook.mt.fwp@gmail.com](mailto:nathan.cook.mt.fwp@gmail.com)

On Tue, Oct 16, 2018 at 9:32 AM Smith, Dennis/BOI <[Dennis.Smith@jacobs.com](mailto:Dennis.Smith@jacobs.com)> wrote:

Nathan,

Good Morning.

We are still working with EPA and the USFWS on an endangered species biological assessment for the Silver Bow Creek/Butte Area (SBCBA) Superfund Site, which includes bull trout. As a result of our previous conversation on May 2, 2018 (see e-mail below), you were able to release the 2016 caged fish metals data from lower Silver Bow Creek and the Upper Clark Fork River, but couldn't release the wild fish data because the analyses weren't quite finished and it needed to be QC'd.

I'm just checking in to see if you are able to release the wild fish metals data now, for the same area (discussed in the 2016 Upper CFR Fish Survey Report)? You had originally mentioned it might be available sometime in June. We made a similar request July 30 (see below). Given the current status of our project, it would still be very helpful to have that data, and any more recent data of a similar nature you can share for this area.

Thanks much for your attention to this matter.

I look forward to hearing from you.

Regards,

Dennis

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**From:** Smith, Dennis/BOI

**Sent:** Monday, July 30, 2018 12:04 PM

**To:** Nathan Cook <[nathan.cook.mt.fwp@gmail.com](mailto:nathan.cook.mt.fwp@gmail.com)>

**Cc:** Archer, Allie <[Archer.Allie@epa.gov](mailto:Archer.Allie@epa.gov)>; Schut, Jeff/BOI <[JEFF.SCHUT@jacobs.com](mailto:JEFF.SCHUT@jacobs.com)>

**Subject:** FW: [EXTERNAL] fish metals data

Nathan,

Good afternoon!

We are still working with EPA and the USFWS on an endangered species biological assessment for the Silver Bow Creek/Butte Area (SBCBA) Superfund Site, which includes bull trout. As a result of our previous conversation on May 2, 2018 (see e-mail below), you were able to release the 2016 caged fish metals data from lower Silver Bow Creek and the Upper Clark Fork River, but couldn't release the wild fish data because the analyses weren't quite finished and it needed to be QC'd.

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Dennis

**P. Dennis Smith**

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[dennis.smith@Jacobs.com](mailto:dennis.smith@Jacobs.com)

**From:** Nathan Cook [<mailto:nathan.cook.mt.fwp@gmail.com>]

**Sent:** Wednesday, May 02, 2018 11:23 AM

**To:** [dennis.smith@jacobs.com](mailto:dennis.smith@jacobs.com); [dsmith2@ch2m.com](mailto:dsmith2@ch2m.com)

**Subject:** [EXTERNAL] fish metals data

Hi Dennis,

Here are some fish metals data from lower Silver Bow Creek and the Upper Clark Fork River. These data are from caged fish. We removed three fish per month at each site and analyzed them for Cu and Zn. The site just downstream of the ponds is called "Pond 2" or "P2". Hope this helps.

**Nathan Cook**

*Fisheries Mitigation Biologist*

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